

RB = T-DNA RIGHT BORDER
 LB = T-DNA LEFT BORDER
 GUS = β -GLUCURONIDASE GENE
 S = HEPATITIS B VIRUS SURFACE ANTIGEN

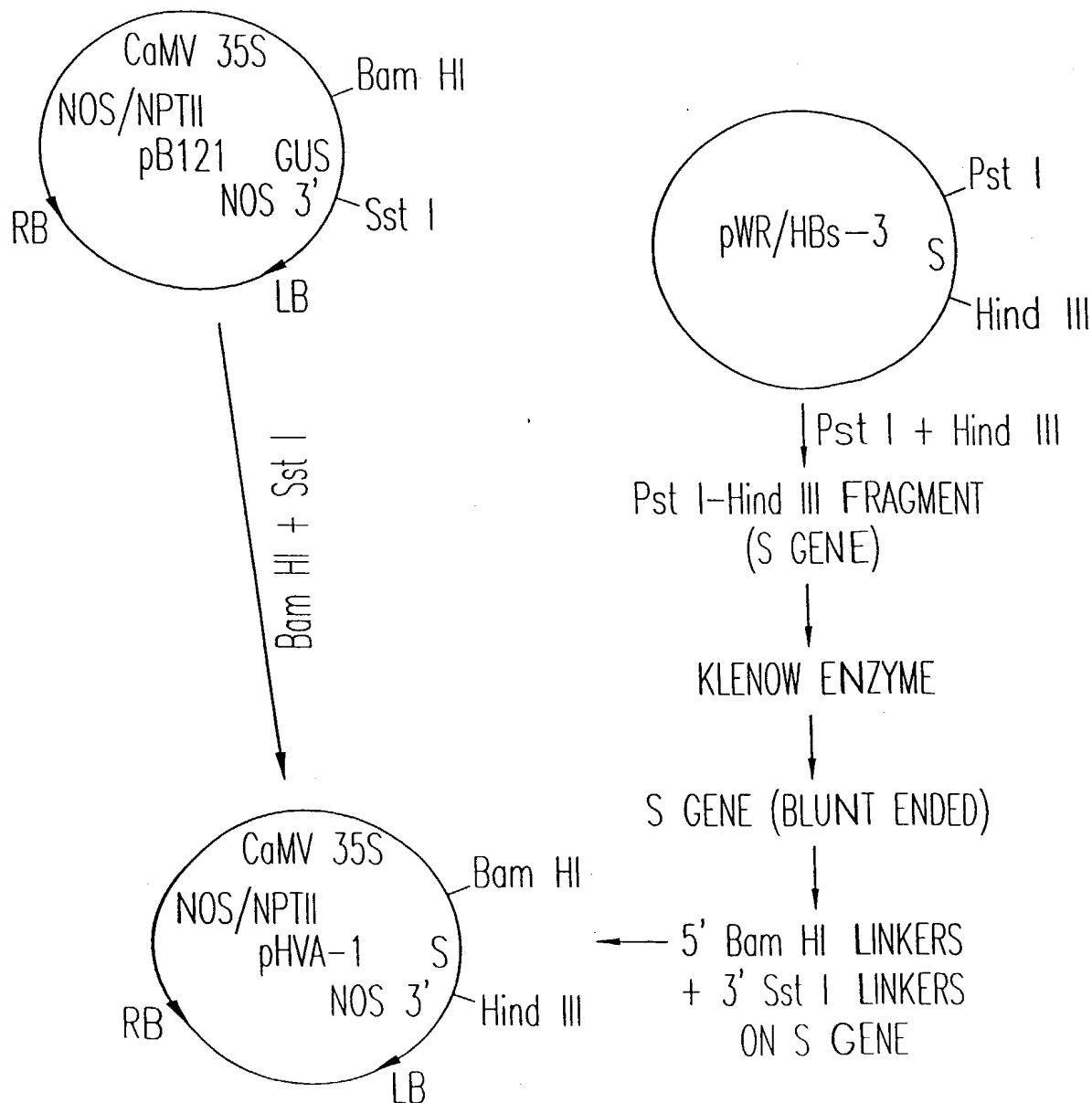


Fig. 1

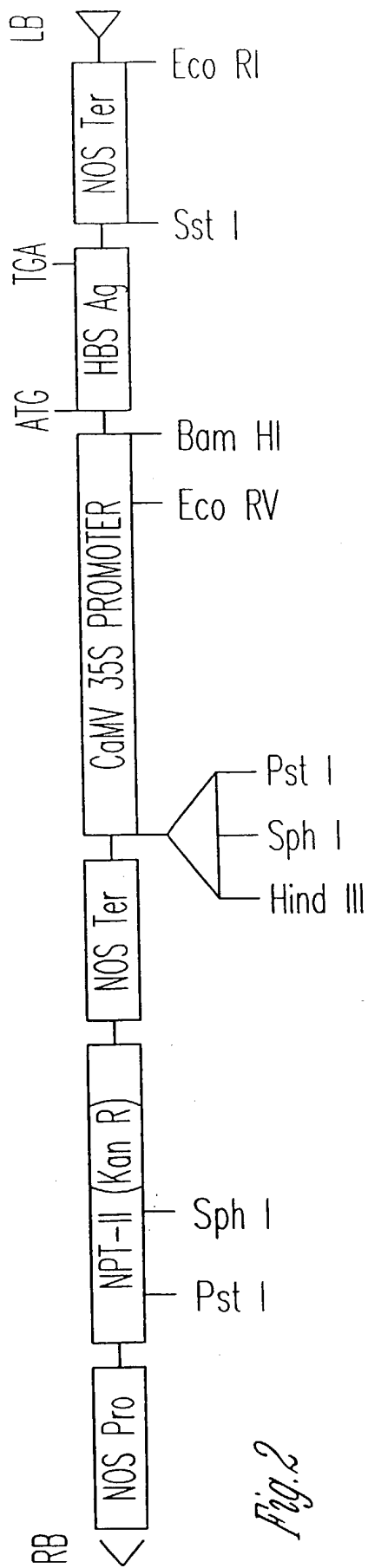


Fig. 2

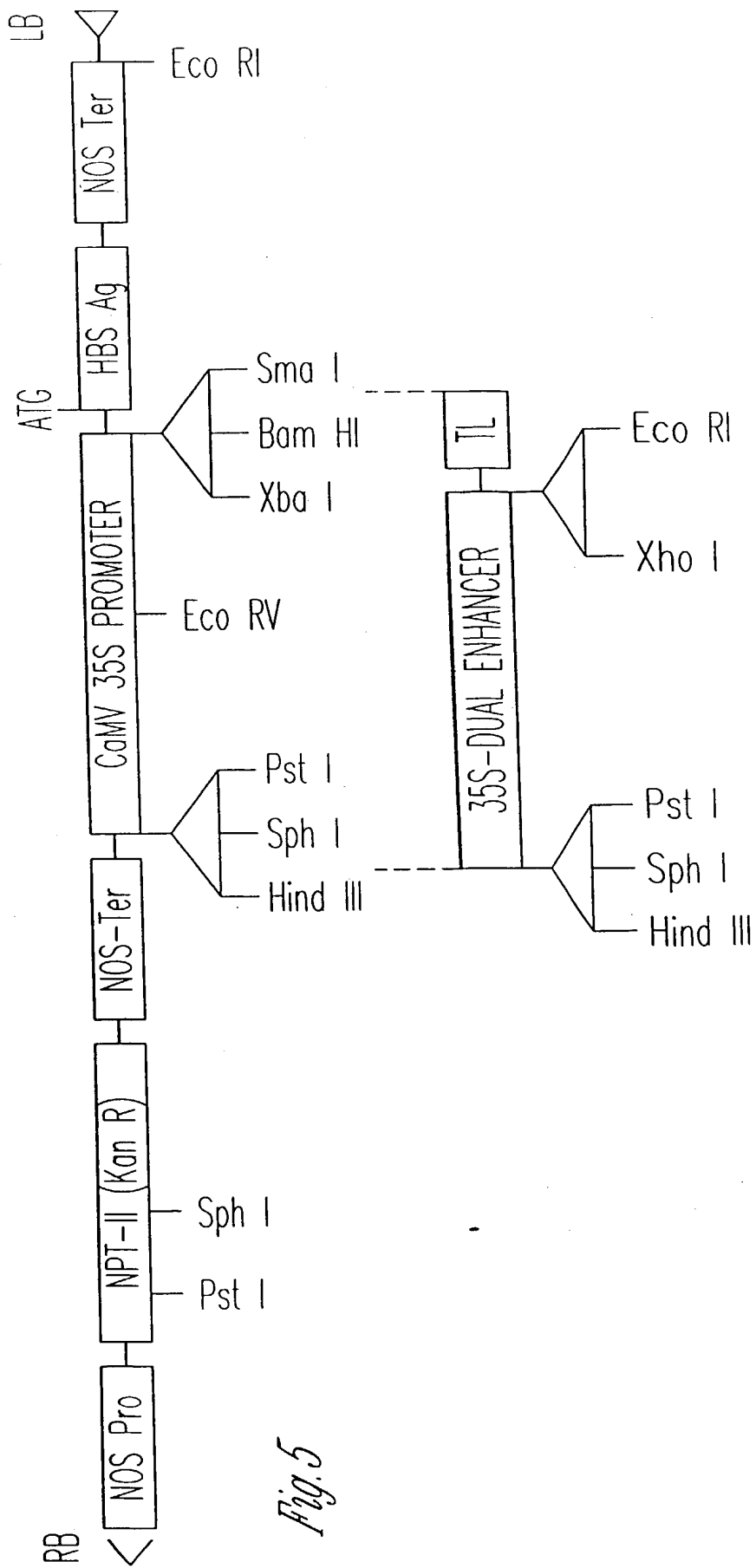
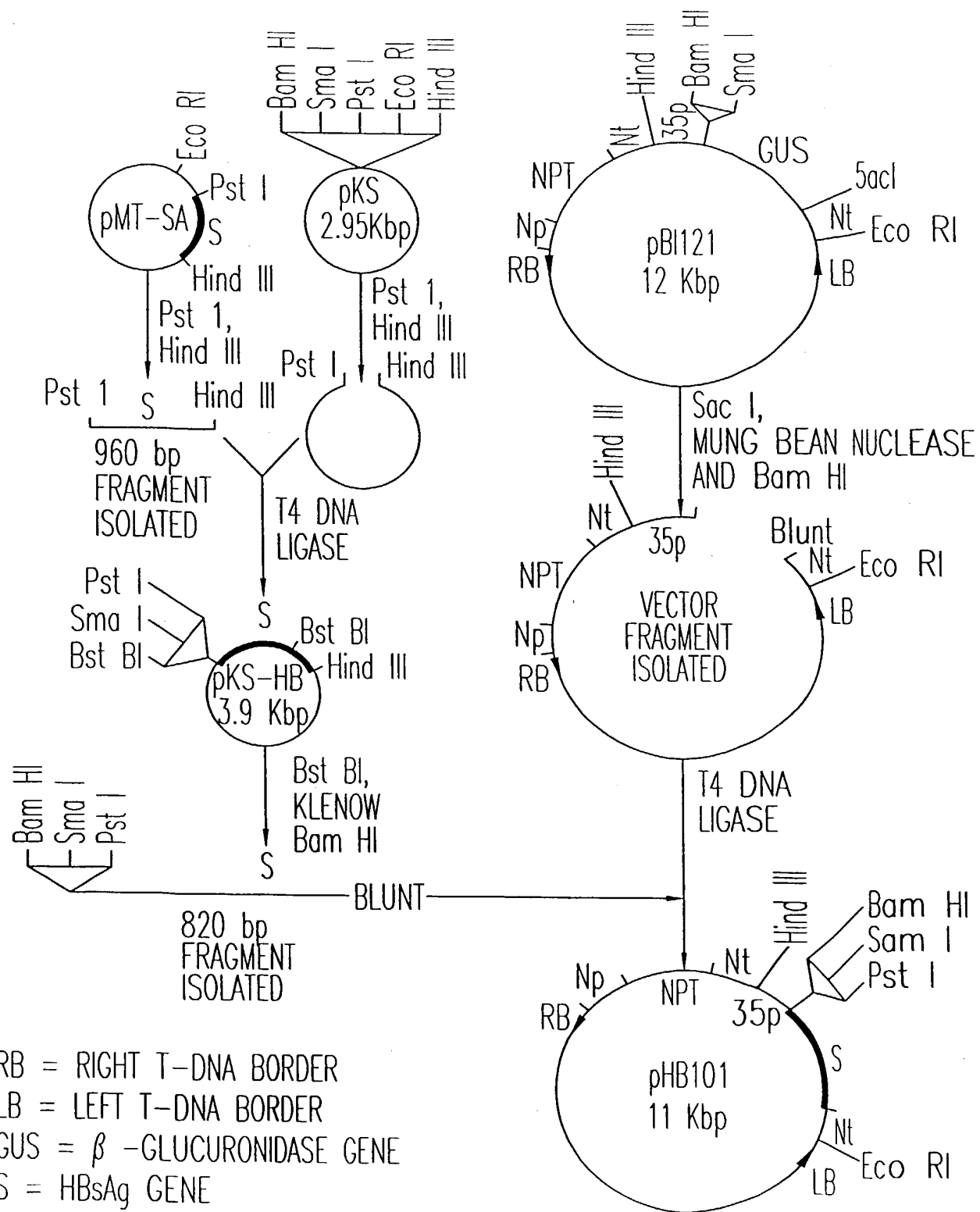
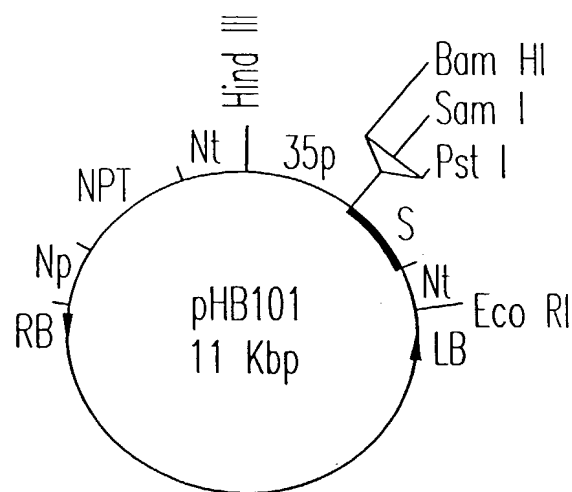


Fig. 5

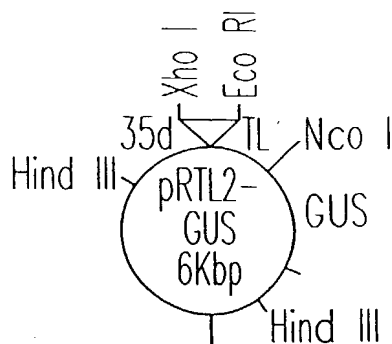
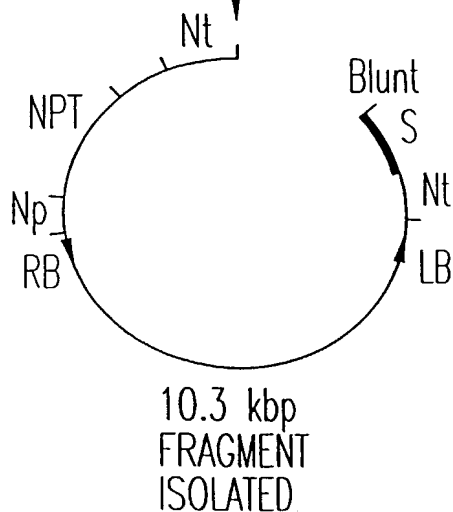


RB = RIGHT T-DNA BORDER
 LB = LEFT T-DNA BORDER
 GUS = β -GLUCURONIDASE GENE
 S = HBsAg GENE
 Nt = NOPALINE SYNTHASE TERMINATOR
 Np = NOPALINE SYNTHASE PROMOTER
 NPT = NEOMYCIN PHOSPHOTRANSFERASE II GENE
 35p = CUALIFLOWER MOSAIC VIRUS 35S PROMOTER
 35d = 35S PROMOTER WITH DUPLICATED ENHANCER

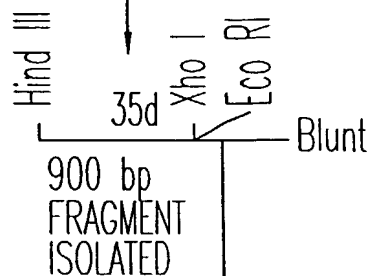
Fig. 3



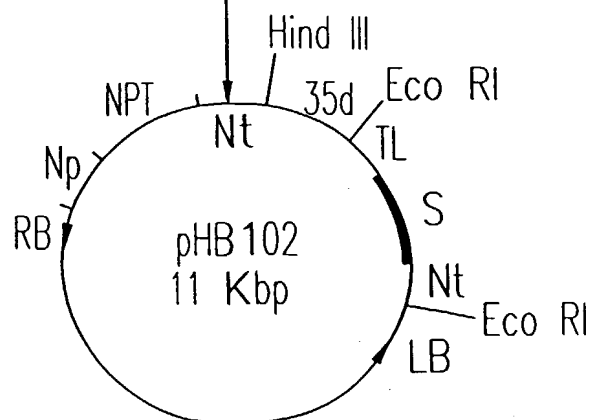
Hind III
Sma I



Nco I
MUNG BEAN NUCLEASE
Hind III



T4 DNA
LIGASE



RB = RIGHT T-DNA BORDER

LB = LEFT T-DNA BORDER

GUS = β -GLUCURONIDASE GENE

S = HBsAg GENE

Nt = NOPALINE SYNTHASE TERMINATOR

Np = NOPALINE SYNTHASE PROMOTER

NPT = NEOMYCIN PHOSPHOTRANSFERASE II GENE

35p = CUALIFLOWER MOSAIC VIRUS 35S PROMOTER

35d = 35S PROMOTER WITH DUPLICATED ENHANCER

TL = TOBACCO ETCH VIRUS 5' NONTRANSLATED LEADER

Fig. 4

RNA blot



Fig. 6A

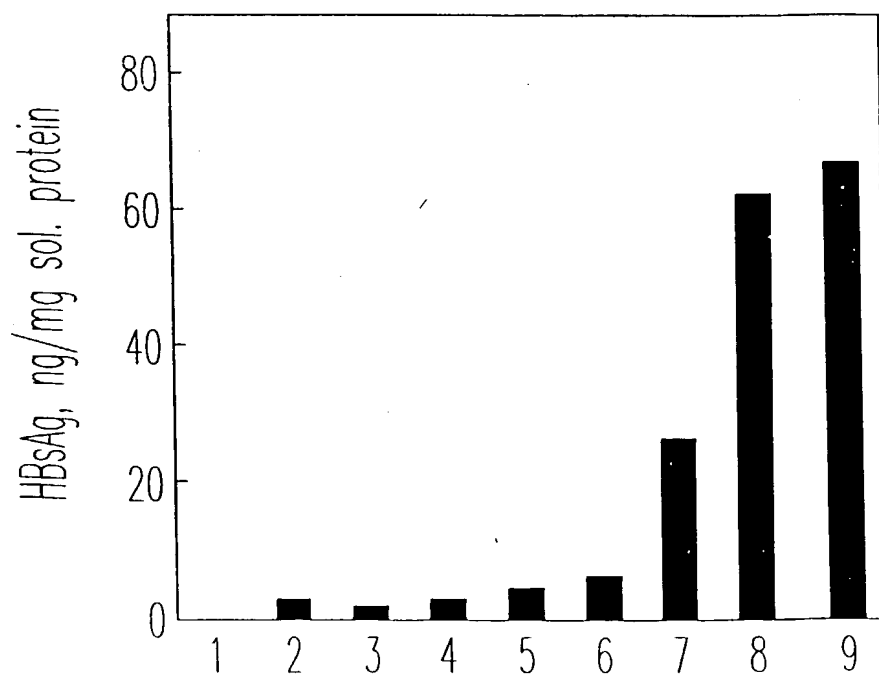
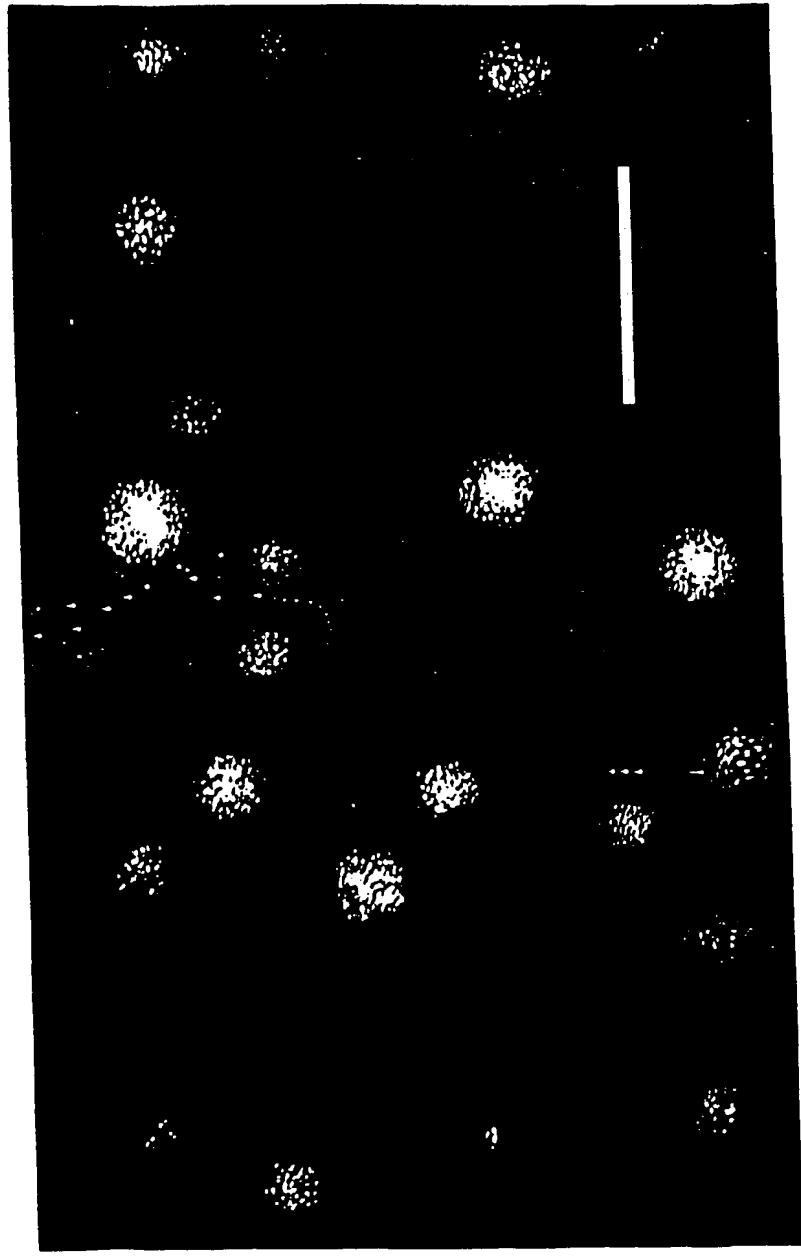


Fig. 6B

Fig. 7A



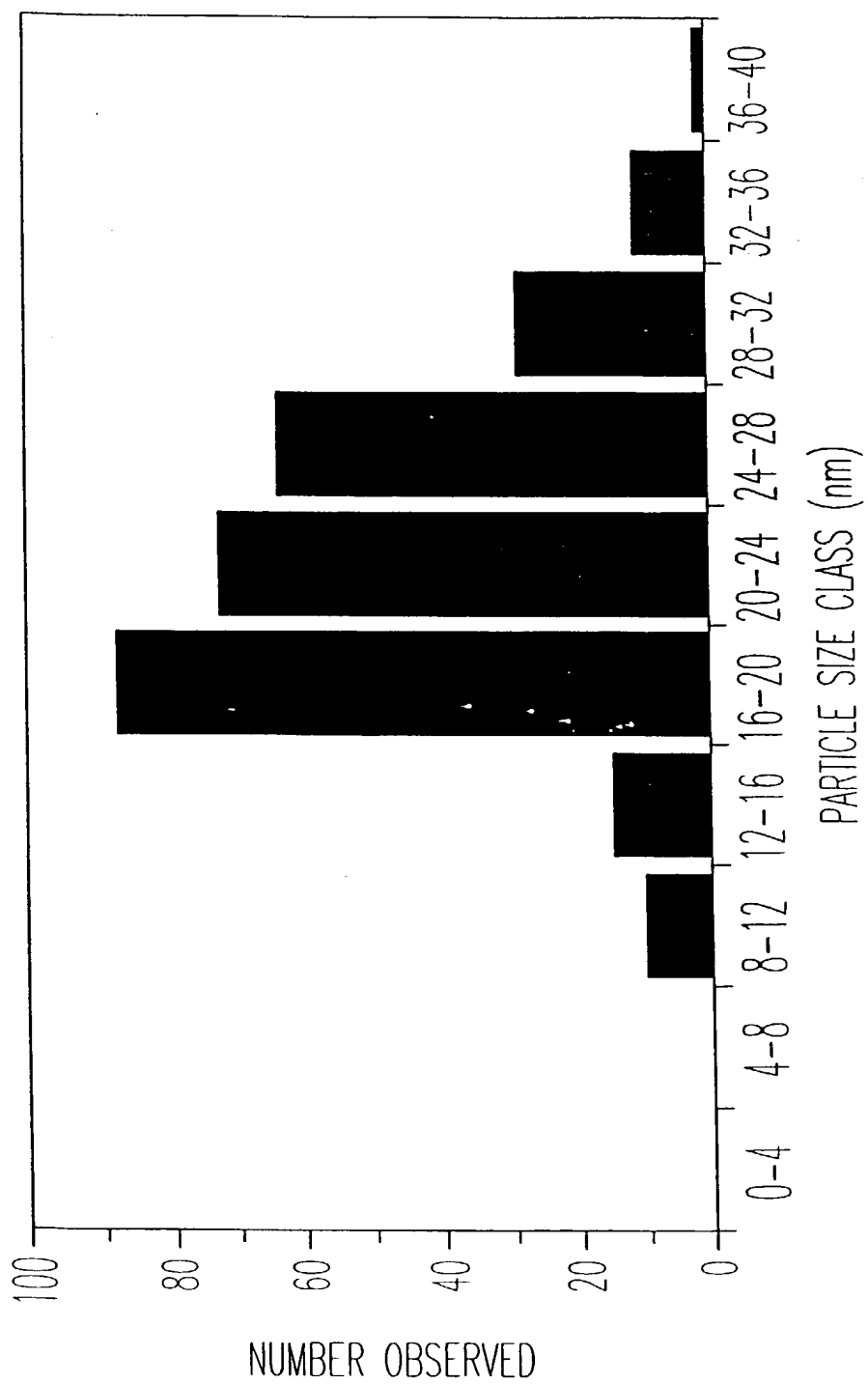


Fig. 7B

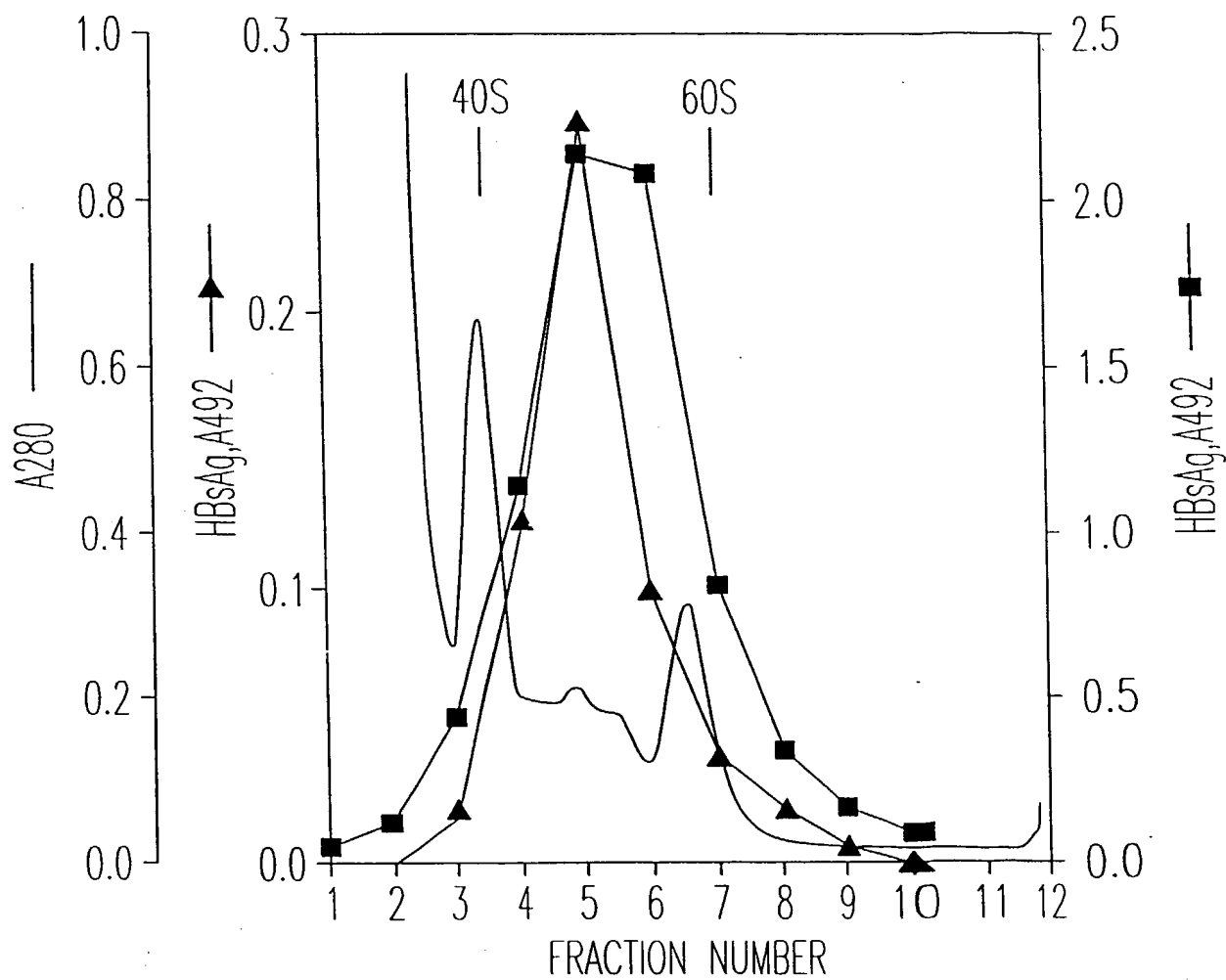


Fig. 8

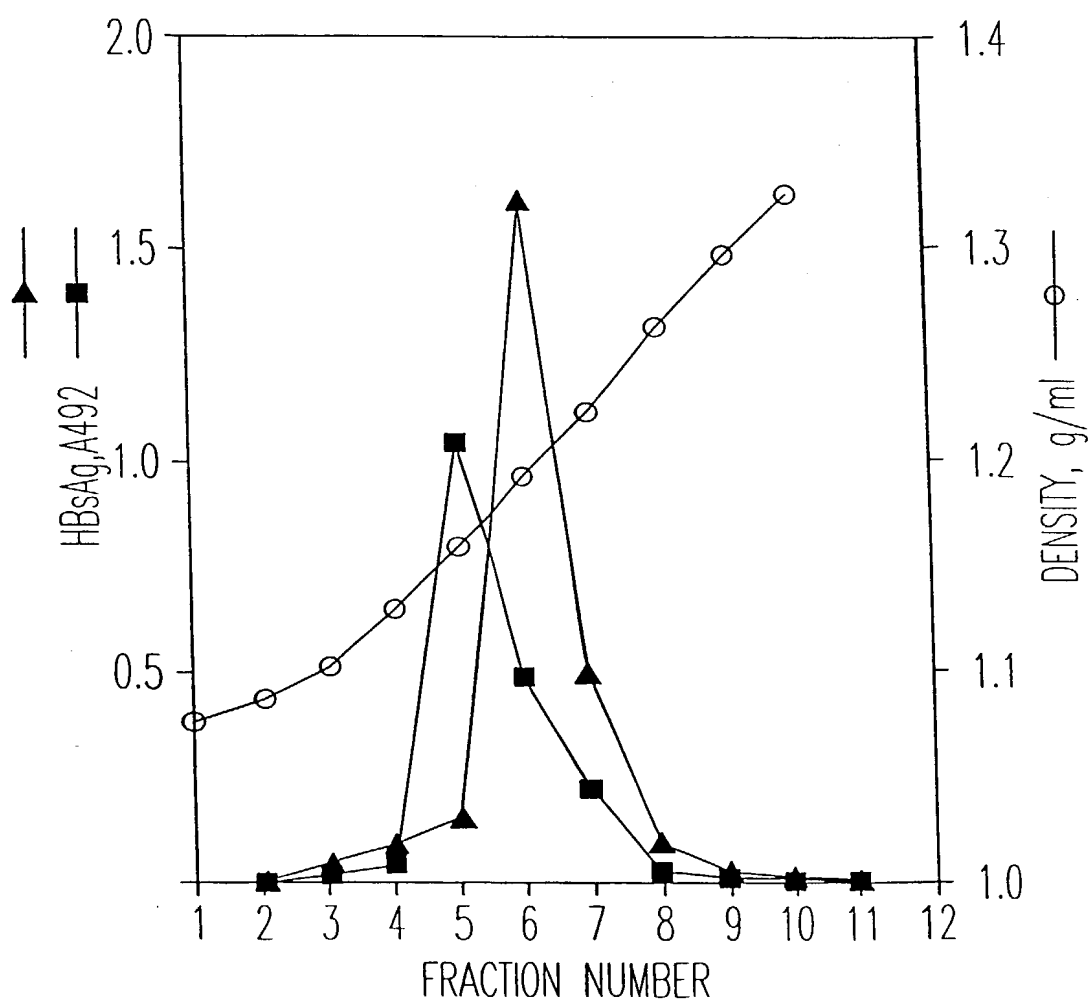


Fig. 9



A
1 2 3

B
1 2 3

← 25S
← 18S

Fig. 10A

Fig. 10B



Fig. 11